

ABSTRACT

Disclosed is a method of diagnosing the chances of pregnancy and the diagnostic kit for the method. In the present invention, follicular fluid is retrieved from the women
5 who attended the in vitro fertilization program and MMP activity is measured. According to the present invention, the chance of pregnancy in the group with low MMP-9 activity is zero whereas in the group with high MMP-9 activity, the chances are 50-60%. Therefore it is possible to predict the chances of pregnancy in ART by measuring the degree of MMP-9 expression by using the method and kit of the present invention
10 enhancing the efficiency of ART.